

Title (en)  
DAMPING FLYWHEEL, ESPECIALLY FOR A TORQUE-TRANSMITTING DEVICE

Publication  
**EP 0251849 B1 19901205 (FR)**

Application  
**EP 87401302 A 19870610**

Priority  
• FR 8608835 A 19860619  
• FR 8704954 A 19870408

Abstract (en)  
[origin: US4828533A] A damper-type flywheel comprises two coaxial parts adapted to rotate relative to each other about their common axis. A circumferentially acting spring device is operatively disposed between the two coaxial parts. An annular fluid-tight cavity is defined between the two coaxial parts. A viscous damper device accommodated in the fluid-tight cavity is mechanically disposed between the two coaxial parts. The viscous damper device may comprise two groups of fins in the annular cavity each constrained to rotate with a respective one of the two coaxial parts, the annular cavity containing a viscous, preferably non-Newtonian fluid such as a silicone-based fluid.

IPC 1-7  
**F16F 15/12; F16F 15/16**

IPC 8 full level  
**F16F 15/137** (2006.01); **F16F 15/139** (2006.01); **F16F 15/16** (2006.01); **F16F 15/30** (2006.01)

CPC (source: EP US)  
**F16F 15/137** (2013.01 - EP US); **F16F 15/139** (2013.01 - EP US); **F16F 15/161** (2013.01 - EP US); **F16D 2013/703** (2013.01 - EP)

Citation (examination)  
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• US 3464233 A 19690902 - BROUWERS ALEXANDER P, et al  
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